

BTK Rabbit pAb

Catalog NO.: A12738

Basic Information

Observed MW

76kDa

Calculated MW

76kDa

Category

Polyclonal Antibodies

Applications

WB, ELISA

Cross-Reactivity

Mouse, Rat

Conjugation

Unconjugated

Background

The protein encoded by this gene plays a crucial role in B-cell development. Mutations in this gene cause X-linked agammaglobulinemia type 1, which is an immunodeficiency characterized by the failure to produce mature B lymphocytes, and associated with a failure of Ig heavy chain rearrangement. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

695

Swiss Prot

Q06187

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

AT; ATK; BPK; XLA; IMD1; AGMX1; IGHD3; PSCTK1; BTK

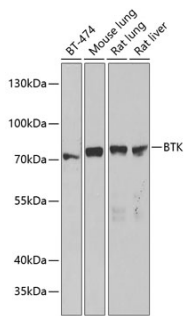
Contact

Product Information

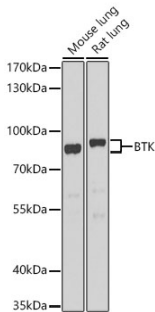
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Western blot analysis of various lysates using BTK Rabbit pAb (A12738) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 1s.



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